



# **STIC Search Report**

## **EIC 3600**

**STIC Database Tracking Number: 222981**

**TO: Gerald O'Connor**  
**Location: Knox 5D51**  
**Art Unit : 3627**

**Case Serial Number: 09/350875**

**From: Edward Hart**  
**Location: EIC 3600**  
**Know 4A70**  
**Phone: 571-272-2512**

**Edward.Hart@uspto.gov**

### **Search Notes**

Dear Examiner O'Connor,

If you have any questions regards this search please feel free to contact me.

show files

[File 15] **ABI/Inform(R)** 1971-2007/May 01  
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[File 16] **Gale Group PROMT(R)** 1990-2007/Apr 30  
(c) 2007 The Gale Group. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2007/Apr 30  
(c) 2007 The Gale Group. All rights reserved.

[File 160] **Gale Group PROMT(R)** 1972-1989  
(c) 1999 The Gale Group. All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2007/Apr 30  
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[File 9] **Business & Industry(R)** Jul/1994-2007/Apr 30  
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[File 20] **Dialog Global Reporter** 1997-2007/May 01  
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[File 476] **Financial Times Fulltext** 1982-2007/May 01  
(c) 2007 Financial Times Ltd. All rights reserved.

[File 610] **Business Wire** 1999-2007/May 01  
(c) 2007 Business Wire. All rights reserved.

*\*File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*

[File 613] **PR Newswire** 1999-2007/Apr 27  
(c) 2007 PR Newswire Association Inc. All rights reserved.

*\*File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*

[File 624] **McGraw-Hill Publications** 1985-2007/Apr 25  
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*\*File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

[File 634] **San Jose Mercury** Jun 1985-2007/Apr 28  
(c) 2007 San Jose Mercury News. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Apr 30  
(c) 2007 The Gale Group. All rights reserved.

[File 810] **Business Wire** 1986-1999/Feb 28  
(c) 1999 Business Wire . All rights reserved.

*Inventor's*

[File 813] **PR Newswire** 1987-1999/Apr 30  
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[File 2] **INSPEC** 1898-2007/Apr W3  
(c) 2007 Institution of Electrical Engineers. All rights reserved.

[File 35] **Dissertation Abs Online** 1861-2007/Apr  
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[File 65] **Inside Conferences** 1993-2007/May 01  
(c) 2007 BLDSC all rts. reserv. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Mar  
(c) 2007 The HW Wilson Co. All rights reserved.

[File 256] **TecInfoSource** 82-2007/Apr  
(c) 2007 Info.Sources Inc. All rights reserved.

[File 474] **New York Times Abs** 1969-2007/May 01  
(c) 2007 The New York Times. All rights reserved.

[File 475] **Wall Street Journal Abs** 1973-2007/May 01  
(c) 2007 The New York Times. All rights reserved.

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13  
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*\*File 583: This file is no longer updating as of 12-13-2002.*

[File 347] **JAPIO** Dec 1976-2006/Dec(Updated 070403)  
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[File 348] **EUROPEAN PATENTS** 1978-2007/ 200716  
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[File 349] **PCT FULLTEXT** 1979-2007/UB=20070426UT=20070319  
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*\*File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 350] **Derwent WPIX** 1963-2007/UD=200726  
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Set      Items      Description
S1        2925      S AU=WALKER J?
S2        7164      S AU=WALKER, J?
S3        1139      S AU=WALKER JAY?
S4         149      S AU=MIK M?
S5         93       S AU=MIK, M?
S6        141      S AU=MIK MAGDALENA?
S7        397      S AU=TEDESCO D?
S8        249      S AU=TEDESCO, D?
S9        391      S AU=TEDESCO DANIEL?
S10       198      S AU=VAN LUCHENE A?
S11       107      S AU=VAN LUCHENE, A?
S12       198      S AU=VAN LUCHENE ANDREW?
S13       8358      S S1:S12
S14        15      S S13 AND PRICING AND INDIVIDUAL AND VOLUME AND DISCOUNT
S15        15      S S14 AND (PRODUCT OR PRICE OR TRANSACTION)
; t s15/5/1-15

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15/5/1 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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01479497

**APPARATUS, SYSTEMS AND METHODS FOR FACILITATING COMMERCE**

**APPAREIL, SYSTEMES ET PROCEDES FACILITANT LE COMMERCE**

**Patent Applicant/Patent Assignee:**

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**Legal Representative:**

- **DOWNS Michael D et al(agent)**  
Walker Digital Management, LLC, Two High Ridge Park, Stamford, CT 06905; US;

	Country	Number	Kind	Date
Patent	WO	200721667	A2	20070222
Application	WO	2006US30839		20060809
Priorities	US	2005706583		20050809

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HN; HR; HU; ID; IL;  
IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ;  
LA; LC; LK; LR; LS; LT; LU; LV; LY; MA;  
MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI;  
NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU;  
SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM;  
TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN;  
ZA; ZM; ZW;

**[EP]** AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

**[OA]** BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

**[AP]** BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

**[EA]** AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0040/00	A	I	F	B	20060101		H	US

Publication Language: English

Filing Language: English

Fulltext word count: 18699

#### English Abstract:

According to one or more embodiments, apparatus, systems and methods are provided for facilitating commerce. In some embodiments, an apparatus (e.g., a central computer) facilitates posting of an item for sale by receiving a digital image of an item for sale, receiving an audio description (e.g., included in an audio file) of the item, and providing an indication of the description to at least one potential buyer. In one embodiment, the digital image and the audio description are received from a mobile phone.

#### French Abstract:

Selon une ou plusieurs formes de l'invention, on decrit un appareil, des systemes et des procedes qui rendent le commerce plus facile. Dans certaines formes de realisation, un appareil (par exemple un ordinateur central) permet de poster un article a vendre via la reception d'une image numerique d'un article a vendre, de recevoir une description audio (qui est par exemple inclue dans un fichier audio) de l'article et a donner une indication de la description, a au moins un acheteur eventuel. Dans une forme de realisation, l'image numerique et la description audio sont recues en provenance d'un telephone mobile.

Type	Pub. Date	Kind	Text
Publication	20070222	A2	Without international search report and to be republished upon receipt of that report.

15/5/2 (Item 2 from file: 349) [Links](#)

PCT FULLTEXT

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01478500

**SYSTEMS AND METHODS FOR IMPROVED HEALTH CARE COMPLIANCE**

**SYSTEMES ET PROCEDES DESTINES A UN RESPECT AMELIORE DES SOINS DE SANTE**

#### Patent Applicant/Patent Assignee:

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- **FINCHAM Carson CK**; 125 Florida Road, Ridgefield, CT 06877  
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- **BEAN David**; 31 Iroquois Trail, Ormand Beach, FL 32174  
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**Legal Representative:**

- **FINCHAM Carson Ck et al(agent)**  
WALKER DIGITAL MANAGEMENT, LLC, Two High Ridge Park, Stamford, CT 06905; US;

	Country	Number	Kind	Date
Patent	WO	200721496	A2	20070222
Application	WO	2006US29420		20060727
Priorities	US	2005709254		20050818
	US	2005225240		20051020

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
 BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
 CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
 GB; GD; GE; GH; GM; HN; HR; HU; ID; IL;  
 IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ;  
 LA; LC; LK; LR; LS; LT; LU; LV; LY; MA;  
 MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI;  
 NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU;  
 SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM;  
 TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN;  
 ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
 FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
 LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
 ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
 SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06F-0015/16	A	I	F	B	20060101		H	US

Publication Language: English

Filing Language: English

Fulltext word count: 32843

#### English Abstract:

According to some embodiments, systems, apparatus, methods, and articles of manufacture may provide for improved health care compliance. Embodiments may comprise, for example, identifying an occurrence of an event associated with the taking of a substance by a patient, determining output information associated with a game, and providing the output information to the patient. Some embodiments may comprise receiving a code associated with a patient, wherein the code includes encoded information that is indicative of an occurrence of an event associated with the taking of a substance by a patient, decoding the code to determine the information, determining whether the occurrence of the event is compliant with a condition associated with the taking of the substance, and providing, in the case that compliance with the condition is determined, one or more rewards to the patient.

#### French Abstract:

Certains modes de realisation concernent des systemes, des appareils, des procedes et des articles fabriques destines a un meilleur respect des soins de sante et consistant, par exemple, a identifier l'apparition d'un evenement associe a la prise d'une substance par un patient, a determiner des informations de sortie associees a un jeu et a fournir ces informations au patient. Dans d'autres modes de realisation, les procedes peuvent consister a recevoir un code



associe a un patient, le code comprenant des informations codees indiquant l'apparition d'un evenement associe a la prise d'une substance par un patient, a decoder le code afin de determiner les informations, a determiner si l'apparition de l'evenement est conforme a un etat associe a la prise de la substance et a fournir, dans le cas ou l'on determine que l'etat est conforme, une ou plusieurs recompenses au patient.

Type	Pub. Date	Kind	Text
Publication	20070222	A2	Without international search report and to be republished upon receipt of that report.

15/5/3 (Item 3 from file: 349) [Links](#)

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01355236

**METHOD AND APPARATUS FOR DEFINING AND UTILIZING PRODUCT LOCATION IN A VENDING MACHINE**

PROCEDE ET APPAREIL PERMETTANT DE DEFINIR ET D'UTILISER UN EMPLACEMENT DE PRODUIT DANS UN DISTRIBUTEUR AUTOMATIQUE

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- **SIGNORELLI Paul**; 241 East 76th Street, 2D, New York, NY 10021  
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(Designated only for: US)
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- **FINCHAM Magdalena M et al(agent)**  
Walker Digital Management, LLC, Intellectual Property Dept., Five High Ridge Park, Stamford, CT 06905; US;

	Country	Number	Kind	Date
Patent	WO	200636153	A1	20060406
Application	WO	2004US33038		20040930
Priorities	US	2004951296		20040927

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;  
VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-017/00	Main

Publication Language: English

Filing Language: English

Fulltext word count: 34933

**English Abstract:**

In accordance with one embodiment, a vending machine (100) comprises a plurality of receptacles (A1) for holding units of products (220, 225, 230), each receptacle operable to hold a respective plurality of units in a series. The vending machine further comprises a dispensing mechanism (160) operable to dispense, from each receptacle, a first unit in the respective plurality of units, the dispensing mechanism thereby being operable to dispense only a first unit from the respective series at a time. The vending machine further comprises a means for determining, for a unit, information allowing a relationship among the unit and a location of the unit in the receptacle to be determined.

**French Abstract:**

Conformement a un mode de realisation, un distributeur automatique (100) comprend une pluralite de receptacles (A1) destinee a retenir des unites de produits (220, 225, 230), chaque receptacle pouvant servir a retenir une pluralite respective d'unites en serie. Le distributeur automatique comprend egalement un mecanisme de distribution (160) pouvant servir a distribuer, a partir de chaque receptacle, une premiere unite de la pluralite respective d'unites, le mecanisme distributeur pouvant ainsi servir a distribuer uniquement une premiere unite a la fois a partir de la serie respective. Le distributeur automatique comprend en outre un moyen permettant de determiner, pour une unite, des informations permettant de determiner une relation entre l'unite et un emplacement de l'unite dans le receptacle.

Type	Pub. Date	Kind	Text
Publication	20060406	A1	With international search report.

15/5/4 (Item 4 from file: 349) [Links](#)

PCT FULLTEXT

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01250377

**PRODUCTS AND PROCESSES FOR ESTABLISHING MULTI-TRANSACTION RELATIONSHIPS WITH CUSTOMERS OF VENDING MACHINES**

PRODUITS ET PROCEDES PERMETTANT D'ETABLIR DES RELATIONS DE TRANSACTIONS MULTIPLES AVEC LES CLIENTS DE DISTRIBUTEURS AUTOMATIQUES

**Patent Applicant/Patent Assignee:**

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US; US(Residence); US(Nationality)  
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- **LEE Sih Y**; 131 Rockland Avenue, Northvale, NJ 07647  
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- **SIGNORELLI Paul D**; 241 East 76th Street, 2D, New York, NY 10021  
US; US(Residence); US(Nationality)
- **TEDESCO Daniel E**; Two Arden Lane, Huntington, CT 06484  
US; US(Residence); US(Nationality)
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**Patent Applicant/Inventor:**

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- **SIGNORELLI Paul D**  
241 East 76th Street, 2D, New York, NY 10021; US; US(Residence); US(Nationality);
- **TEDESCO Daniel E**  
Two Arden Lane, Huntington, CT 06484; US; US(Residence); US(Nationality);
- **JORASCH James A**  
240 East 39th Street, Apartment 35J, New York, NY 10016; US; US(Residence); US(Nationality);

**Legal Representative:**

- **ALDERUCCI Dean P(et al)(agent)**  
Walker Digital Management, LLC, Five High Ridge Road, Stamford, CT 06905; US;

	Country	Number	Kind	Date
Patent	WO	200557379	A2-A3	20050623
Application	WO	2004US41561		20041209
Priorities	US	2003527988		20031209

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;

VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
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MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-017/60	Main

Publication Language: English

Filing Language: English

Fulltext word count: 17456

**English Abstract:**

Discloses herein are various systems and methods for improving the establishment and management of vending machine subscriptions, including systems and methods for constructing (10), communicating (15), and registering subscriptions, as well as various methods for processing the redemption of vending machine subscription items. Several additional embodiments are disclosed, including various alternate methods of promoting longitudinal machine-customer relationships.

**French Abstract:**

L'invention porte sur divers systemes et procedes permettant d'ameliorer l'etablissement et la gestion d'abonnements a des distributeurs automatiques, y compris des systemes et des procedes permettant de construire, de communiquer et d'enregistrer des abonnements, et divers procedes permettant de traiter l'echange d'articles figurant sur des abonnements a des distributeurs automatiques. L'invention concerne divers modes de realisation supplementaires, y compris divers procedes alternatifs permettant de promouvoir les relations longitudinales distributeur automatique-client.

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Publication	20050623	A2	Without international search report and to be republished upon receipt of that report.
Search Rpt	20050915		Late publication of international search report
Republication	20050915	A3	With international search report.

PCT FULLTEXT

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01250355

**MARKETING SYSTEM EMPLOYING VENDING MACHINES**

**SYSTEME DE COMMERCIALISATION EMPLOYANT DES DISTRIBUTEURS AUTOMATIQUES**

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	Country	Number	Kind	Date
Patent	WO	200557375	A2-A3	20050623
Application	WO	2004US41395	-	20041209
Priorities	US	2003527987		20031209

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;  
VC; VN; YU; ZA; ZM; ZW;

**[EP]** AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
MC; NL; PL; PT; RO; SE; SI; SK; TR;

**[OA]** BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

**[AP]** BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

**[EA]** AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G06F	Main

IPC	Level	Value	Position	Status	Version	Action	Source	Office
G07F-0017/00	A	I	F	B	20060101		H	US

Publication Language: English

Filing Language: English

Fulltext word count: 26743

**English Abstract:**

According to an embodiment, a device provides an offer, via an interface (130) at a vending machine (100), for a benefit in exchange for an email address. An email address is received via the interface (380). After receiving the email address, a promotional message (260) is transmitted to the received email address.

**French Abstract:**

Selon un mode de realisation, un dispositif propose une offre, par le biais d'une interface existant au niveau d'un distributeur automatique, pour obtenir un avantage dans un echange pour une adresse electronique. Une adresse electronique est recue par le biais de l'interface. Apres reception de l'adresse electronique, un message publicitaire est envoye a l'adresse electronique. Selon un mode de realisation, un dispositif recoit un ensemble d'adresses electroniques et identifie au moins un distributeur automatique devant etre associe aux adresses electroniques. Au moins une regle est determinee, qui definit des restrictions concernant le moment ou un message peut etre envoye a au moins une des adresses electroniques. Un message est transmis par courrier electronique a chacune des adresses electroniques, conformement aux restrictions concernant le moment ou un message peut etre envoye.

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Publication	20050623	A2	Without international search report and to be republished upon receipt of that report.
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Republication	20060413	A3	With international search report.
Republication	20060413	A3	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

15/5/6 (Item 6 from file: 349) Links

PCT FULLTEXT

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01250294

**PRODUCTS AND PROCESSES FOR PROMOTIONS WHICH EMPLOY A VENDING MACHINE**  
**PRODUITS ET PROCEDES DE PROMOTIONS FAISANT APPEL A UN DISTRIBUTEUR AUTOMATIQUE**

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	Country	Number	Kind	Date
Patent	WO	200557508	A2-A3	20050623
Application	WO	2004US40974		20041208
Priorities	US	2003527899		20031208

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;  
VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-017/60	Main

Publication Language: English

Filing Language: English

Fulltext word count: 46699

**English Abstract:**

Products and processes are provided for receiving, from a customer via a vending machine (100), a selection of a first product that is available for dispensing by the vending machine. It is then determined, based on profit inventory management data (145), set of products that are available for dispensing by the vending machine. A game is output to the customer; Via the game, a selection of a product from the set of products is received. The selected product and the first product are vended.

**French Abstract:**

L'invention concerne des produits et des procedes permettant de recevoir, d'un client par le biais d'un distributeur automatique, une selection d'un premier produit disponible a la distribution par ledit distributeur automatique. On determine alors, sur la base de donnees de gestion des stocks de profit, un ensemble de produits disponibles a la distribution par le distributeur automatique. Un jeu est propose au client. Par le biais de ce jeu, une selection d'un produit est recue de l'ensemble de produits. Le produit choisi et le premier produit sont distribues.

Type	Pub. Date	Kind	Text
Publication	20050623	A2	Without international search report and to be republished upon receipt of that report.
Search Rpt	20051027		Late publication of international search report
Republication	20051027	A3	With international search report.
Republication	20051027	A3	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

15/5/7 (Item 7 from file: 349) [Links](#)

PCT FULLTEXT

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01206002

**PRODUCTS AND PROCESSES FOR VENDING A PLURALITY OF PRODUCTS VIA DEFINED GROUPS**

**PRODUITS ET PROCESSUS PERMETTANT DE VENDRE UNE PLURALITE DE PRODUITS VIA DES GROUPES DEFINIS**

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	Country	Number	Kind	Date
Patent	WO	200513103	A2-A3	20050210
Application	WO	2004US25497		20040730
Priorities	US	2003491215		20030730
	US	2004536277		20040113
	US	2004560960		20040409
	US	2004902347		20040729

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;  
VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-017/60	Main

G06F-001/14	
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Publication Language: English

Filing Language: English

Fulltext word count: 23932

**English Abstract:**

Products and processes are disclosed for defining at least one inventory group. This at least one inventory group includes at least two products that are available for sale by a vending machine. The vending machine outputs an indication of products that the at least one inventory group includes. The vending machine receiving, from a customer, a selection of a first product that the at least one inventory group includes. The vending machine processes a sale of a unit of the first product and a respective unit of at least one additional product for a single price.

**French Abstract:**

La presente invention concerne des produits et des processus permettant de definir au moins un groupe d'inventaire. Ce ou ces groupes d'inventaire comprennent au moins deux produits disponibles via un distributeur automatique. Ce distributeur produit en sortie une indication sur les produits inclus dans ce ou ces groupes d'inventaire. Le distributeur recoit d'un client une selection d'un premier produit compris dans ce ou ces groupes d'inventaire. Le distributeur traite la vente d'une unite de ce premier produit et d'une unite respective d'au moins un produit additionnel a un prix unique.

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Publication	20050210	A2	Without international search report and to be republished upon receipt of that report.
Search Rpt	20060202		Late publication of international search report
Republication	20060202	A3	With international search report.
Republication	20060202	A3	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

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01185385

**METHOD AND APPARATUS FOR MANAGING VENDING MACHINE OFFERS**  
**PROCEDE ET APPAREIL DE GESTION D'OFFRES DE DISTRIBUTEURS**

**Patent Applicant/Patent Assignee:**

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(Designated only for: US)
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**Patent Applicant/Inventor:**

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**Legal Representative:**

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Walker Digital Management, LLC, Intellectual Property Department, Five High Ridge Park, Stamford, CT 06905; US;

	Country	Number	Kind	Date
Patent	WO	2004107129	A2-A3	20041209
Application	WO	2004US16895		20040528
Priorities	US	2003473815		20030528
	US	2004855247		20040527

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;  
VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-017/60	Main

Publication Language: English

Filing Language: English

Fulltext word count: 38622

**English Abstract:**

In accordance with one or more embodiments, a promotion redeemable at a vending machine is determined. The promotion comprises an offer distinct from a general offer to sell products from the vending machine at posted prices. The promotion is output (e.g., via an output device of a vending machine, an output device of a peripheral device of a vending machine, an output device of a customer device, or a combination thereof). In some embodiments, the promotion may be determined such that it satisfies the goal of increasing the profitability of the vending machine and/or the goal of conserving an inventory of coins in the vending machine. In some embodiments, determining a promotion may comprise constructing a promotion instance by populating a parameter of a promotion type with a value selected based on one or more rules.

**French Abstract:**

Dans un ou plusieurs modes de realisation, une promotion remboursable dans un distributeur est determinee. La promotion comprend une offre distincte d'une offre generale de vente de produits du distributeur aux prix affiches. La promotion est sortie (ex. par l'intermediaire d'un dispositif de sortie d'un distributeur, d'un dispositif de sortie d'un dispositif peripherique d'un distributeur, d'un dispositif de sortie d'un dispositif client ou d'une combinaison de ceux-ci). Dans certains modes de realisation, la promotion peut etre determinee de sorte qu'elle satisfasse l'objectif d'augmentation de la rentabilite du distributeur et/ou de conservation d'un stock de pieces dans le distributeur. Dans certains modes de realisation, la determination d'une promotion peut comprendre la construction d'une instance promotionnelle par l'attribution a un parametre d'un type de promotion d'une valeur selectionnee en fonction d'une ou plusieurs regles.

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Publication	20041209	A2	Without international search report and to be republished upon receipt of that report.
Search Rpt	20060209		Late publication of international search report
Republication	20060209	A3	With international search report.
Republication	20060209	A3	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

15/5/9 (Item 9 from file: 349) [Links](#)

PCT FULLTEXT

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00838016

**METHOD AND APPARATUS FOR SELECTING A SUPPLEMENTAL PRODUCT TO OFFER FOR SALE DURING A TRANSACTION**

PROCEDE ET DISPOSITIF PERMETTANT DE SELECTIONNER UN PRODUIT COMPLEMENTAIRE A METTRE EN VENTE AU COURS D'UNE TRANSACTION

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**Legal Representative:**

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	Country	Number	Kind	Date
Patent	WO	200171683	A2-A3	20010927
Application	WO	2001US9045		20010321
Priorities	US	2000190818		20000321
	US	2000603677		20000626

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G07G-001/00	Main
G06F-017/60	

Publication Language: English

Filing Language: English

Fulltext word count: 23915

**English Abstract:**

A method and apparatus a user or other customer, controller, point-of-sale terminal, etc. to conduct a transaction for the purchase of one or more products and/or services, during which a supplemental product or service to offer a user during a transaction, either in addition to the products and/or services the user is purchasing or as a replacement to one or more of the products and/or services that the user is purchasing. The method may be implemented in retail embodiment where a user is purchasing products and/or services at a cash register or other point-of-sale terminal. The method may also be implemented in a online embodiment where a user is purchasing products and/or services using a computer, terminal, telephone or other client or user device and accessing a World Wide Web site, online catalog, interactive voice response unit or system, etc.

**French Abstract:**

L'invention concerne un procede et un dispositif permettant a un utilisateur ou a un autre client, a une unite de commande, a un terminal point de vente, etc. de diriger une operation d'achat d'un ou de plusieurs produits et/ou services, au cours de laquelle un produit ou un service complementaire est offert a un utilisateur soit en complement des produits et/ou des services que l'utilisateur est en train d'acheter soit en remplacement d'un ou de plusieurs produits et/ou services que l'utilisateur est en train d'acheter. Ce procede peut etre mis en oeuvre dans un contexte de commerce de detail, dans lequel l'utilisateur achete des produits et/ou des services depuis une caisse enregistreuse ou depuis tout autre terminal point de vente. Ce procede peut etre egalement mis en oeuvre dans un contexte de commerce en ligne, dans lequel un utilisateur achete des produits et/ou des services par l'intermediaire d'un ordinateur, d'un terminal, d'un catalogue en ligne, d'un telephone ou de tout autre dispositif client ou utilisateur et via un site Internet, un catalogue en ligne, une unite ou un systeme de reponse vocale interactif, etc.

Type	Pub. Date	Kind	Text
Publication	20010927	A2	Without international search report and to be republished upon receipt of that report.

Examination	20011213		Request for preliminary examination prior to end of 19th month from priority date
Search Rpt	20020214		Late publication of international search report
Republication	20020214	A3	With international search report.

15/5/10 (Item 10 from file: 349) [Links](#)

PCT FULLTEXT

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00783296

**SYSTEM AND METHOD FOR FACILITATING THE SALE OF A TRAVEL PRODUCT**  
**SYSTEME ET PROCEDE FACILITANT LA VENTE D'UN PRODUIT DE VOYAGE**

**Patent Applicant/Patent Assignee:**

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**(Designated only for: US)**
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• **ANDRES John(agent)**

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	Country	Number	Kind	Date
Patent	WO	200116844	A1	20010308
Application	WO	2000US23912		20000830
Priorities	US	99151659		19990831

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-017/60	Main

Publication Language: English

Filing Language: English

Fulltext word count: 13705

**English Abstract:**

A system and method for facilitating the sale of travel products is disclosed. The system receives travel inquiries from requesters for preferred travel products (905). The system in turn selects and offers the requester an alternate travel product which has a greater value to the seller if sold than the requester's preferred travel product (925). Various systems and methods are disclosed for determining whether an alternate travel product has a greater value to the seller if sold than the preferred travel product. Exemplary determinations are based on profit margin and load factor discrepancy between the preferred travel product and the alternate travel product. The system further provides for the selection and offering of a benefit in conjunction with a requester's acceptance of an alternate travel product, and for the selection of the benefit based on the differences between the requester's preferred travel product and the alternate travel product.

**French Abstract:**

L'invention concerne un systeme et un procede facilitant la vente de produits de voyage. Le systeme recoit des demandes de voyage provenant de demandeurs de produits (905) de voyage preferes. Le systeme selectionne et offre

ensuite au demandeur un autre produit de voyage qui, s'il est vendu, rapporte au vendeur une valeur superieure que le produit (925) de voyage prefere du demandeur. Divers systemes et procedes decrits permettent de determiner si un autre produit de voyage rapporte au vendeur une valeur superieure s'il est vendu, que le produit de voyage prefere. Des determinations exemplaires sont basees sur l'ecart de la marge beneficiaire/facteurs de charge entre le produit de voyage prefere et l'autre produit de voyage. Le systeme assure en outre la selection et l'offre d'un avantage, conjointement avec l'acceptation du demandeur concernant un autre produit de voyage, ainsi que la selection de cet avantage sur la base des differences entre le produit de voyage prefere du demandeur et l'autre produit de voyage.

Type	Pub. Date	Kind	Text
Publication	20010308	A1	With international search report.
Publication	20010308	A1	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20010802		Request for preliminary examination prior to end of 19th month from priority date

15/5/11 (Item 11 from file: 349) [Links](#)

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00771340

**MULTI-TIER PRICING OF INDIVIDUAL PRODUCTS BASED ON VOLUME DISCOUNTS**  
**TARIFICATION MULTI-TIERS DE PRODUITS INDIVIDUELS BASEE SUR DES REDUCTIONS**  
**DEPENDANT DU VOLUME D'ACHAT**

**Patent Applicant/Patent Assignee:**

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**Legal Representative:**

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	Country	Number	Kind	Date
Patent	WO	200104852	A1	20010118
Application	WO	2000US18638		20000707
Priorities	US	99350875		19990709

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
G07G-001/14	Main
G06F-017/60	

Publication Language: English

Filing Language: English

Fulltext word count: 22407

**English Abstract:**

09/350,875

A point of sale system or other computer system stores a product **pricing** database in which a full price and **discount** prices corresponding to one or more **discount pricing** tiers are stored for each product available for sale. Each of the **discount** prices for a given product has an associated threshold purchase total that has to be satisfied before the **discount** price is applied to a transaction. When a transaction occurs, the purchase total for the transaction is first calculated on the basis of full retail prices for the products and the purchase total for the transaction is compared with one or more threshold purchase totals which correspond to the **discount pricing** tiers. If a **discount pricing** tier is applicable (e.g. the calculated purchase total for the transaction is at least equal to a threshold purchase total), the appropriate **discount** prices for each product in the transaction are retrieved and used to calculate a reduced purchase total for the transaction. Qualification for **discount pricing** can also be based on, for example, a customer's purchasing history, or the number of a certain type of product included in the transaction instead of the purchase total of a transaction.

**French Abstract:**

L'invention concerne un systeme de point de vente ou autre systeme informatique destines a stocker une base de donnees de tarification d'un produit, dans laquelle sont stockes un prix sans reduction et des prix avec reduction correspondant a un ou plusieurs tiers de reduction pour chaque produit disponible a la vente. Chaque prix reduit pour un produit donne est associe a un seuil total d'achat que l'on doit atteindre avant d'appliquer le prix reduit a une transaction. Lorsqu'on effectue une transaction, le total d'achat pour la transaction est d'abord calcule en fonction des prix de vente sans reduction des produits, puis compare avec un ou plusieurs seuils totaux d'achat correspondant aux tiers reduits. Si un tiers reduit est applicable (par exemple si le total d'achat calcule pour la transaction est au moins egal a un seuil total d'achat), les prix reduits appropries pour chaque produit de la transaction sont recuperes et utilises pour calculer un total d'achat reduit pour la transaction. L'application de prix reduits peut egalement se baser, par exemple, sur l'historique d'achat d'un consommateur, ou le nombre de produits d'un certain type inclus dans la transaction, au lieu du total d'achat d'une transaction.

Type	Pub. Date	Kind	Text
Publication	20010118	A1	With international search report.
Examination	20010525		Request for preliminary examination prior to end of 19th month from priority date

15/5/12 (Item 12 from file: 349) [Links](#)

PCT FULLTEXT

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00576389

**PROMOTING SALE OF A SUBSTITUTE PRODUCT**

**PROMOTION DE LA VENTE D'UN PRODUIT DE SUBSTITUTION**

**Patent Applicant/Patent Assignee:**

- **WALKER DIGITAL LLC;**

;;

- **WALKER Jay S;**

- **TEDESCO Daniel E;**

- **MIK Magdalena;**

	Country	Number	Kind	Date
Patent	WO	200039762	A1	20000706
Application	WO	99US22650		19990929
Priorities	US	98221099		19981228

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

**Main International Patent Classes (Version 7):**

IPC	Level
G07G-001/00	Main
G06F-017/60	

Publication Language: English

Filing Language:

Fulltext word count: 12538

**English Abstract:**

A method for promoting the sale of a substitute product at the point of sale (POS) (110). At least one POS terminal communicates with a POS server (120) which in turn communicates with various manufacturer servers (140) to transmit information therebetween. Upon the presentation of an original product for purchase by a consumer at a POS terminal, various manufacturers may decide to offer a substitute product to the consumer, prior to completing the purchase of the original product. As such, various manufacturers may offer promotional offers to encourage the buyer to favorably "switch" products. If the customer accepts the offer, the point of sale terminal completes the sale of the substitute product.

**French Abstract:**

L'invention concerne la promotion de la vente d'un produit de substitution au point de vente (POS) (110). Un terminal POS, au moins, communique avec un serveur POS (120), qui, a son tour, communique avec divers serveurs fabricant (140), pour transmettre l'information entre eux. Des qu'un consommateur presente au terminal POS un produit original qu'il desire acheter, les divers fabricants peuvent decider d'offrir au client un produit de substitution, et ce, avant l'achevement de la vente du produit original. A ce titre, divers fabricants peuvent proposer des offres promotionnelles pour encourager l'acheteur a favorablement substituer les produits. Si le client accepte, le terminal de point de vente mene la vente du produit substitue a terme.



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00419900

**CONDITIONAL PURCHASE OFFER MANAGEMENT SYSTEMS**  
**SYSTEMES DE GESTION D'OFFRES D'ACHAT CONDITIONNELLES**

**Patent Applicant/Patent Assignee:**

- **WALKER ASSET MANAGEMENT LIMITED PARTNERSHIP;**

;;

	Country	Number	Kind	Date
Patent	WO	9810361	A1	19980312
Application	WO	97US15492		19970904
Priorities	US	96707660		19960904
	US	97889319		19970708

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

**Main International Patent Classes (Version 7):**

IPC	Level
G06F-017/60	Main
H04L-09:00	

Publication Language: English

Filing Language:

Fulltext word count: 64791

**English Abstract:**

The present invention is a method and apparatus for effectuating bilateral buyer-driven commerce. The present invention allows prospective buyers (400) or sellers (300), for sellers conveniently to search for relevant buyer purchase offers, and for sellers potentially to bind a buyer to a contract based on the buyer's purchase offer. In a preferred embodiment, the apparatus of the present invention includes a controller (200) that receives binding purchase offers from prospective buyers. The controller makes purchase offers available to potential sellers and then determines if one or more sellers are willing to accept a given purchase offer. The method and apparatus of the present invention have applications on the Internet as well as conventional communications systems such as voice telephony.

**French Abstract:**

La presente invention concerne un procede et un appareillage destine a realiser du commerce bilateral regi par l'acheteur. Cette invention permet a des acheteurs potentiels (400) ou a des vendeurs potentiels (300), a des vendeurs de rechercher aisement des offres d'achat appropriees d'acheteurs, et aux vendeurs de lier potentiellement un acheteur par un contrat sur la base de l'offre d'achat de l'acheteur. Dans un mode de realisation prefere, l'appareillage decrit dans la presente invention comprend un controleur (200) recevant des offres d'achat ferme provenant d'acheteurs potentiels. Le controleur met ces offres d'achat a la disposition de vendeurs potentiels, et determine

ensuite si un ou davantage de vendeurs sont prêts à accepter une offre d'achat donnée. Les procédés et appareillages décrits dans la présente invention trouvent des applications sur Internet, ainsi que dans des systèmes de communication traditionnels, telles les télécommunications vocales.

15/5/14 (Item 14 from file: 349) [Links](#)

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00378794

# REMOTE-AUDITING OF COMPUTER GENERATED OUTCOMES USING CRYPTOGRAPHIC AND OTHER PROTOCOLS

CONTROLE A DISTANCE DE RESULTATS PRODUITS PAR ORDINATEUR, AU MOYEN DE PROTOCOLES CRYPTOGRAPHIQUES ET AUTRES

**Patent Applicant/Patent Assignee:**

- WALKER ASSET MANAGEMENT L P;

;;

	Country	Number	Kind	Date
Patent	WO	9719537	A1	19970529
Application	WO	96US18834		19961122
Priorities	US	95561668		19951122
	US	96677544		19960710
	US	96694469		19960808

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

**Main International Patent Classes (Version 7):**

IPC	Level
H04L-009/32	Main
G06F	

Publication Language: English

Filing Language:

Fulltext word count: 46659

**English Abstract:**

A computer device and method for encoding a message corresponding to an outcome of a computer game, and a computer device and method for decoding the message to detect a fraudulent outcome. The computer device used to generate the encoded message includes a memory device containing encoding control code and a processor configured to process the encoding control code in conjunction with a computer game outcome (148) to generate an encoded message containing the computer game outcome (158) and to transmit the encoded message (154) to a human-readable output device, such as a display device. The computer device includes various tamper resistant or

tamper evidence features. A secure module containing the processor and memory is used to plug into an existing personal computer or dedicated game device. The device also includes a system for metering use of a computer game.

#### **French Abstract:**

Ordinateur et procede de codage d'un message correspondant a un resultat de jeu informatique et ordinateur et procede pour decoder le message et detecter un resultat frauduleux. L'ordinateur utilise pour generer le message code comporte une memoire contenant un code de commande de codage et un processeur configure pour traiter ledit code conjointement avec un resultat (158) de jeu informatique, pour generer ensuite un message code contenant le resultat (158) du jeu informatique et pour transmettre ledit message (154) a un dispositif de sortie lisible par l'homme, tel qu'un dispositif d'affichage. L'ordinateur presente plusieurs caracteristiques inviolables ou d'invulnerabilite. On utilise un module de securite contenant le processeur et la memoire, concu pour se brancher dans un ordinateur personnel existant ou un dispositif de jeu specialise. Le dispositif comporte egalement un systeme pour compter le temps d'utilisation d'un jeu informatique.

15/5/15 (Item 1 from file: 350) [Links](#)

Derwent WPIX

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0010544157 *Drawing available*

WPI Acc no: 2001-147226/200115

XPX Acc No: N2001-107807

**Purchase total calculation for calculating discounted prices for products sold at retail, involves determining if calculated initial purchase total is equal to preset threshold, to calculate reduced purchase total**

Patent Assignee: WALKER DIGITAL LLC (WALK-N); MIK M (MIKM-I); TEDESCO D E (TEDE-I); VAN LUCHENE A S (VLUC-I); WALKER J S (WALK-I)

Inventor: MIK M; TEDESCO D E; VAN LUCHENE A S; WALKER J S

Patent Family ( 5 patents, 92 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001004852	A1	20010118	WO 2000US18638	A	20000707	200115	B
AU 200059217	A	20010130	AU 200059217	A	20000707	200127	E
US 20060206385	A1	20060914	US 1999350875	A	19990709	200661	E
			US 2006421364	A	20060531		
US 20060206386	A1	20060914	US 1999350875	A	19990709	200661	E
			US 2006421636	A	20060601		
US 20060212358	A1	20060921	US 1999350875	A	19990709	200663	E

			US 2006421539	A	20060601		
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Priority Applications (no., kind, date): US 1999350875 A 19990709; US 2006421364 A 20060531; US 2006421636 A 20060601; US 2006421539 A 20060601

#### Patent Details

Patent Number	Kind	Language	Pgs	Draws	Filing Notes	
WO 2001004852	A1	EN	97	26		
National Designated States, Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States, Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW					
AU 200059217	A	EN			Based on OPI patent	WO 2001004852
US 20060206385	A1	EN			Continuation of application	US 1999350875
US 20060206386	A1	EN			Continuation of application	US 1999350875
US 20060212358	A1	EN			Continuation of application	US 1999350875

09/350,875

#### Alerting Abstract WO A1

**NOVELTY** - The method involves determining whether the initial purchase total for a transaction is equal to a preset threshold value. If so, a reduced purchase total for the transaction is calculated based on respective second prices for each of the products to be purchased. The second price is calculated based on the first price, cost associated with corresponding product, and minimum profit amount.

**DESCRIPTION** - The method involves receiving a number of product identifiers each representing a respective product to be purchased. An initial purchase total for the transaction is calculated based on the first prices for each of the products to be purchased. If the initial purchase total is at least equal to a predetermined threshold purchase total, a reduced purchase total is calculated based on respective second prices for the products. At least one of the respective second prices is lower than corresponding first price for the product. The first and second prices are retrieved from a database. **INDEPENDENT CLAIMS** are also included for the following:

- A. Point-of-sale terminal controlling method;
- B. Shopping website operating method;
- C. Web server computer;
- D. Operating method of catalog order

- E. Purchase total calculation apparatus;
- F. Data storage device;
- G. Purchase total calculation program;
- H. Data processing apparatus;
- I. Data accessing method.

USE - To calculate discounted prices for products sold at retail in supermarkets, drug stores, quick service restaurants, retail stores.

ADVANTAGE - Permits the seller to predetermine and store one or more levels of discount prices on a product-by-product basis. Thereby preserves satisfactory profit margins. The retailer is permitted to use a flexible discounting **plan** to promote sales of certain products, such as store brand products, perishable products, or high margin products.

DESCRIPTION OF DRAWINGS - The figure shows a portion of the database and an illustrative display that indicates the various conditions of a condition database.

**Title Terms /Index Terms/Additional Words:** PURCHASE; TOTAL; CALCULATE; **DISCOUNT**; PRICE; PRODUCT; SOLD; RETAIL; DETERMINE; INITIAL; EQUAL; PRESET; THRESHOLD; REDUCE

#### Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06Q-0020/00	A	I	F	B	20060101
G06Q-0030/00	A	I		R	20060101
G07G-0001/14	A	I		R	20060101
G06Q-0030/00	C	I		R	20060101
G07G-0001/14	C	I		R	20060101

US Classification, Issued: 705021000, 705021000, 705021000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-H07C5; T01-J05A1; T01-J05B4P; T01-J11C1; T05-L01A

? show files

[File 347] **JAPIO** Dec 1976-2006/Dec(Updated 070403)

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[File 350] **Derwent WPIX** 1963-2007/UD=200729

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*\*File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.dialog.com/dwpi/>.*

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Set Items Description

S1 5909 S (HIEARCH? OR TIER? OR LEVEL OR LEVELS OR DUAL OR RANK? OR INCREMENT? OR CATEGOR?) (5N) (PRICE? ? OR PRICING OR COST? ? OR TRANSACTION?)

S2 514013 S (UPC? ? OR UNIVERSAL() PRODUCT() CODE OR BARCODE OR BAR() CODE OR PRODUCT() ID OR IDENTIF?)

S3 256069 S (CACULAT? OR CACULATING OR IDENTIF? OR ACCESS? OR ESTIMAT? OR DETERMIN?) (6N) (TOTAL? OR AMOUNT? OR BILL OR PROCE? OR PRICING)

S4 19361 S (THRESHOLD OR REQUIRED OR MINIMUM) (5N) (PURCHAS? OR BUY OR BUYING OR COST OR EXPENDITURE OR EXPENSE)

S5 533691 S (REDUC? OR LESSEN OR DECREAS? OR DISCOUNT? OR LOWER?) (3N) (COST OR COSTS OR PRICE OR PRICING OR BILL OR TOTAL OR CHEAP??? OR LEAST() EXPENSIVE)

S6 2 S S1 AND S2 AND S3 AND S4 AND S5

; t s6/5/1-2

6/5/1 (Item 1 from file: 350) Links

Derwent WPIX

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0010544157 *Drawing available*

WPI Acc no: 2001-147226/200115

XRPX Acc No: N2001-107807

**Purchase total calculation for calculating discounted prices for products sold at retail, involves determining if calculated initial purchase total is equal to preset threshold, to calculate reduced purchase total**

Patent Assignee: WALKER DIGITAL LLC (WALK-N); MIK M (MIKM-I); TEDESCO D E (TEDE-I); VAN LUCHENE A S (VLUC-I); WALKER J S (WALK-I)

Inventor: MIK M; TEDESCO D E; VAN LUCHENE A S; WALKER J S

Patent Family ( 5 patents, 92 countries )

Patent Number	Kin d	Date	Application Number	Kin d	Date	Update	Typ e
WO 2001004852	A1	20010118	WO 2000US18638	A	20000707	200115	B
AU 200059217	A	20010130	AU 200059217	A	20000707	200127	E
US 20060206385	A1	20060914	US 1999350875	A	19990709	200661	E
			US 2006421364	A	20060531		

US 20060206386	A1	20060914	US 1999350875	A	19990709	200661	E
			US 2006421636	A	20060601		
US 20060212358	A1	20060921	US 1999350875	A	19990709	200663	E
			US 2006421539	A	20060601		

Priority Applications (no., kind, date): US 1999350875 A 19990709; US 2006421364 A 20060531; US 2006421636 A 20060601; US 2006421539 A 20060601

#### Patent Details

Patent Number	Kind	Language	Pages	Drawings	Filing Notes	
WO 2001004852	A1	EN	97	26		
National Designated States, Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States, Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW					
AU 200059217	A	EN			Based on OPI patent	WO 2001004852
US 20060206385	A1	EN			Continuation of application	US 1999350875
US 20060206386	A1	EN			Continuation of application	US 1999350875
US 20060212358	A1	EN			Continuation of application	US 1999350875

#### Alerting Abstract WO A1

NOVELTY - The method involves **determining** whether the initial purchase **total** for a transaction is equal to a preset **threshold** value. If so, a **reduced purchase total** for the transaction is calculated based on respective second prices for each of the products to be purchased. The second price is calculated based on the first price, **cost** associated with corresponding product, and **minimum** profit amount.

DESCRIPTION - The method involves receiving a number of product **identifiers** each representing a respective product to be purchased. An initial purchase total for the transaction is calculated based on the first prices for each of the products to be purchased. If the initial purchase total is at least equal to a predetermined **threshold** purchase **total**, a **reduced purchase total** is calculated based on respective second prices for the products. At least one of the

respective second prices is **lower** than corresponding first **price** for the product. The first and second prices are retrieved from a database. INDEPENDENT CLAIMS are also included for the following:

- A. Point-of-sale terminal controlling method;
- B. Shopping website operating method;
- C. Web server computer;
- D. Operating method of catalog order
- E. Purchase total calculation apparatus;
- F. Data storage device;
- G. Purchase total calculation program;
- H. Data processing apparatus;
- I. Data accessing method

USE - To calculate discounted prices for products sold at retail in supermarkets, drug stores, quick service restaurants, retail stores.

ADVANTAGE - Permits the seller to predetermine and store one or more levels of discount prices on a product-by-product basis. Thereby preserves satisfactory profit margins. The retailer is permitted to use a **flexible** discounting plan to promote sales of certain products, such as store brand products, perishable products, or high margin products.

DESCRIPTION OF DRAWINGS - The figure shows a portion of the database and an illustrative display that indicates the various conditions of a condition database.

**Title Terms /Index Terms/Additional Words:** PURCHASE; TOTAL; CALCULATE; DISCOUNT; PRICE; PRODUCT; SOLD; RETAIL; DETERMINE; INITIAL; EQUAL; PRESET; THRESHOLD; REDUCE

#### Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
G06Q-0020/00	A	I	F	B	20060101
G06Q-0030/00	A	I		R	20060101
G07G-0001/14	A	I		R	20060101
G06Q-0030/00	C	I		R	20060101
G07G-0001/14	C	I		R	20060101

US Classification, Issued: 705021000, 705021000, 705021000

File Segment: EPI;

DWPI Class: T01; T05

Manual Codes (EPI/S-X): T01-H07C5; T01-J05A1; T01-J05B4P; T01-J11C1; T05-L01A



Derwent WPIX

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0008074027 *Drawing available*

WPI Acc no: 1997-170437/199716

XRFX Acc No: N1997-140417

**Semioptimal assignment decision method for determination of rank assigned to solution of bipartite graph matching problem involving multitarget tracking - involves dividing program/problem for solution into multiple sub programs/sub problems so that most probable solutions are traced to smaller sub programs/sub problems**

Patent Assignee: NEC CORP (NIDE); NEC RES INST INC (NIDE)

Inventor: COX I J; HARORUDO S; INGEMAA K; MASHIYUU M; MILLER M L; STONE H S

Patent Family ( 3 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 9034875	A	19970207	JP 1996135064	A	19960529	199716	B
US 5734592	A	19980331	US 1995502224	A	19950713	199820	E
JP 3152279	B2	20010403	JP 1996135064	A	19960529	200121	E

Priority Applications (no., kind, date): US 1995502224 A 19950713

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 9034875	A	JA	40	2		
US 5734592	A	EN	14			
JP 3152279	B2	JA	12		Previously issued patent	JP 09034875

#### Alerting Abstract JP A

The method involves representing a given problem as an NxN matrix. Each item in a matrix corresponds to the assignment problem which expresses the matching expense of two components shown in the row and column. The matrix is divided to obtain N **minimum expense** assignment problem. In case of a computer program, it is divided into multiple sub programs.

Each sub program is examined to assess its size or complexity. Then, they are arranged in order starting from the smallest sub problem/sub program. Then, the process of obtaining solution is commenced starting from the smallest sub problem/sub program which offers best possible solution.

ADVANTAGE - Reduces processing load since best solution is obtained through smaller sub programs/sub problems.

**Title Terms /Index Terms/Additional Words:** ASSIGN; DECIDE; METHOD; DETERMINE; RANK; SOLUTION; GRAPH; MATCH; PROBLEM; TRACK; DIVIDE; PROGRAM; MULTIPLE; SUB; SO; PROBABILITY; TRACE; SMALLER

**Class Codes**

**International Patent Classification**

<b>IPC</b>	<b>Class Level</b>	<b>Scope</b>	<b>Position</b>	<b>Status</b>	<b>Version Date</b>
G01D-007/02; G06F-017/10			Main		"Version 7"
G06F-017/60; G06F-019/00			Secondary		"Version 7"

US Classification, Issued: 364554000, 364552000, 364551010, 705007000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-J04

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[File 2] **INSPEC 1898-2007/Apr W5**

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[File 35] **Dissertation Abs Online 1861-2007/Apr**

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[File 65] **Inside Conferences 1993-2007/May 08**

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[File 99] **Wilson Appl. Sci & Tech Abs 1983-2007/Apr**

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[File 256] **TecInfoSource 82-2007/May**

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[File 474] **New York Times Abs 1969-2007/May 08**

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[File 475] **Wall Street Journal Abs 1973-2007/May 08**

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[File 583] **Gale Group Globalbase(TM) 1986-2002/Dec 13**

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*\*File 583: This file is no longer updating as of 12-13-2002..*

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Set	Items	Description
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S1	25688	S (HIEARCH? OR TIER? OR LEVEL OR LEVELS OR DUAL OR RANK? OR INCREMENT? OR CATEGOR?) (5N) (PRICE? ? OR PRICING OR COST? ? OR TRANSACTION?)
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S2	771732	S (UPC? ? OR UNIVERSAL() PRODUCT() CODE OR BARCODE OR BAR() CODE OR PRODUCT() ID OR IDENTIF?)
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S3	206669	S (CACULAT? OR CACULATING OR IDENTIF? OR ACCESS? OR ESTIMAT? OR DETERMIN?) (6N) (TOTAL? OR AMOUNT? OR BILL OR PROCE? OR PRICING)
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S4	15565	S (THRESHOLD OR REQUIRED OR MINIMUM) (5N) (PURCHAS? OR BUY OR BUYING OR COST OR EXPENDITURE OR EXPENSE)
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S5	153257	S (REDUC? OR LESSEN OR DECREAS? OR DISCOUNT? OR LOWER?) (3N) (COST OR COSTS OR PRICE OR PRICING OR BILL OR TOTAL OR CHEAP??? OR LEAST() EXPENSIVE)
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S6	1	S S1 AND S2 AND S3 AND S4 AND S5
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; t s6/3,k/1

6/3,K/1 (Item 1 from file: 35) **Links**

Dissertation Abs Online

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746084 ORDER NO: AAD81-12178

**AN ECONOMIC ANALYSIS OF THE FEASIBILITY OF THE RETORT POUCH FOR PACKAGING FRUIT AND VEGETABLE COMMODITIES IN AN ENVIRONMENT OF RISING ENERGY PRICES**

**Author: WILLIAMS, JEFFERY ROBERT**

**Degree:** PH.D.

**Year:** 1980

**Corporate Source/Institution:** MICHIGAN STATE UNIVERSITY ( 0128 )

**Source:** Volume 4112A of Dissertations Abstracts International.

PAGE 5187 . 262 PAGES

...for determining if and when the new technology can replace existing technology. The approach used **identifies** the **level** of energy **prices**, container **prices**, freight costs and other production costs which make the retort pouch system the **minimum cost** packaging system among the alternatives considered, given the required investments in the new durable processing... are associated with acquiring and maintaining a new technologically advanced set of durable equipment for **processing** retort pouches. Another is used to **estimate** these costs for a new canning equipment complement. The models also use the data in... durable equipment complement. The total costs of each system are then compared to determine the **minimum cost** packaging system. Different operating scenarios which consist of various combinations of equipment components, energy requirements... costs under a range of feasible operating conditions.

The retort pouch packaging system was the **minimum cost** packaging system among the alternatives considered. A retort pouch packaging system was cheaper than the... at their current rates, the operating cost advantage a retort pouch system has will increase.

**Lower** freight costs, attributed to the lighter weight and smaller volume of pouches, and the comparatively **lower** purchase **price** of retort pouches than cans are the major contributors to the cost effectiveness of the...

? show files

[File 15] **ABI/Inform(R)** 1971-2007/May 08

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[File 16] **Gale Group PROMT(R)** 1990-2007/May 07

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[File 148] **Gale Group Trade & Industry DB** 1976-2007/May 07

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[File 160] **Gale Group PROMT(R)** 1972-1989

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[File 275] **Gale Group Computer DB(TM)** 1983-2007/May 07

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[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/May 07

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Set Items Description

S1 533036 S (HIEARCH? OR TIER? OR LEVEL OR LEVELS OR DUAL OR RANK? OR INCREMENT? OR CATEGOR?) (5N) (PRICE? ? OR PRICING OR COST? ? OR TRANSACTION?)

S2 2755024 S (UPC? ? OR UNIVERSAL() PRODUCT() CODE OR BARCODE OR BAR() CODE OR PRODUCT() ID OR IDENTIF?)

S3 729613 S (CACULAT? OR CACULATING OR IDENTIF? OR ACCESS? OR ESTIMAT? OR DETERMIN?) (6N) (TOTAL? OR AMOUNT? OR BILL OR PROCE? OR PRICING)

S4 119942 S (THRESHOLD OR REQUIRED OR MINIMUM) (5N) (PURCHAS? OR BUY OR BUYING OR COST OR EXPENDITURE OR EXPENSE)

S5 2194110 S (REDUC? OR LESSEN OR DECREAS? OR DISCOUNT? OR LOWER?) (3N) (COST OR COSTS OR PRICE OR PRICING OR BILL OR TOTAL OR CHEAP??? OR LEAST() EXPENSIVE)

S6 8 S S1 (20N) S2 (20N) S3 (20N) S4 (20N) S5

S7 4 RD (unique items)

; t s7/3,k/1-4

7/3,K/1 (Item 1 from file: 16) [Links](#)

Gale Group PROMT(R)

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13550009 **Supplier Number: 153363155 (USE FORMAT 7 FOR FULLTEXT)**

**No Action Taken in 25% of U.S. Sourcing Evaluations.**

PR Newswire , p NA

Oct 26 , 2006

**Language:** English **Record Type:** Fulltext

**Document Type:** Newswire ; Trade

**Word Count:** 784

...In particular, they will need to meet the following conditions:

- Improved process operations knowledge
- Proven **cost reduction** capability
- Improved offshore location mix and delivery capability

Eighty percent of U.S. sourcing managers...

...Contrary to popular expectation, sourcing managers select BPO over use of captive centers to achieve **access** to superior expertise, particularly **process** expertise, to drive an increase in service quality. Where **cost reduction** is **required** without an accompanying improvement in existing processes and service quality, then U.S. sourcing managers...

...vendor success and needs to be more widely demonstrated than at present.

The research also **identified** that vendors are frequently failing to justify the **levels** of **cost reduction** promised during the bidding focus. Vendors are offering cost savings but two-thirds of sourcing...

7/3,K/2 (Item 2 from file: 16) Links

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11391945 **Supplier Number: 119198332 (USE FORMAT 7 FOR FULLTEXT)**

**Anik F2 Carries Broadband Hope.(high-power satellite)**

Satellite News, v 27, n 27, p 0

July 12, 2004

**Language:** English **Record Type:** Fulltext

**Document Type:** Newsletter ; Trade

**Word Count:** 1375

...satellite equipment," Greenwald said. Each service provider's orders combined will add to the volume **required** to **reduce** the **cost** of satellite modem equipment, he said, adding, "We are serving a consumer market and we need to get **costs** down to a **level** that will support mass-market adoption."

When asked about **pricing** for the service, Greenwald declined to **identify** a specific level but said his company would be competitive with other technologies and "offer...

...then buying interoperable equipment meeting that specification from multiple manufacturers, Moore said. "The benefits are **lower cost** and better innovation," Moore said.

What Boeing Wants

While WildBlue is focused on making its...

7/3,K/3 (Item 1 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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10033675 **Supplier Number:** 20328132 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**What is reliability? (concept of reliability in the hydrocarbon processing industry)**

Bloch, Heinz P.

Hydrocarbon Processing , v77 , n1 , p19(1)

Jan , 1998

ISSN: 0018-8190

**Language:** English

**Record Type:** Fulltext

**Word Count:** 722 **Line Count:** 00065

...or experience-based means what comprises high-return areas. However, a first approach is to **identify** equipment criticality. Table i serves as a guide for this task. Once the equipment has...

...should be directed toward comparing these data to applicable industry statistics.

Table 1. Guidelines to **determine** equipment criticality

Part of a continuous **process**

Single-train or unsparred

Unique or unprecedented application

New and unproven design

Proven design, little...

...scale-up of past design or experience

Operating at high or dangerous:

Temperatures Pressures Voltage **Process** fluids

**Accessibility**

High velocity/high inertia components

Market conditions

**Required skill level**

Availability and **cost** of spare parts

Heinz P. Bloch, is a consulting engineer in Montgomery, Texas. He advises process plants worldwide on reliability improvement and maintenance **cost reduction** issues. He can be reached by fax: (409) 588-4635.

7/3,K/4 (Item 2 from file: 148) [Links](#)

Gale Group Trade & Industry DB

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04157592 **Supplier Number:** 07942532 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**The carrying cost paradox: how do you manage it? (materials management)**

Bernard, Paul  
Industrial Engineering, v21, n11, p40(6)  
Nov, 1989  
ISSN: 0019-8234  
Language: ENGLISH  
Record Type: FULLTEXT; ABSTRACT  
Word Count: 3300 Line Count: 00263

...intuitively targeted for reduction by more frequent and smaller receipts when companies consider ways to **reduce** "carrying cost."

Conversely, operating cost such as processing and handling tend to be a function...

...handling cost whether they are 95% full or 95% empty.

A decision to reduce carrying **cost** by receiving materials more frequently has the potential for significant **cost reductions**. However, it may have just the opposite effect in actual practice, especially for companies which receive in unit-loads. If the **reduction** in "cost to finance inventory" (defined as the cost-of-money component of carrying cost) is more...

...it as illustrated in Figure 1. This point may be different for each part and **identifying** it requires an understanding of the various elements of carrying cost. This carrying cost curve...

...only consideration in determining how to manage and reduce materials-related overhead "carrying" costs.

The **minimum cost** point is not fixed. It can be **identified** through a structured analysis and managed by the company through programs designed to **reduce costs** in each of the carrying **cost categories**. The intent though is not to individually optimize each part. Cost inter-relationships among parts must be accounted for as well. Companies seeking to minimize **total** operating costs must do so by **identifying** the optimal trade-offs among each individual part.

Carrying cost paradox

It is difficult to...



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[File 9] **Business & Industry(R)** Jul/1994-2007/May 07

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[File 20] **Dialog Global Reporter** 1997-2007/May 08

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[File 476] **Financial Times Fulltext** 1982-2007/May 08

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[File 610] **Business Wire** 1999-2007/May 08

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*\*File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*

[File 613] **PR Newswire** 1999-2007/May 08

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*\*File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*

[File 624] **McGraw-Hill Publications** 1985-2007/May 08

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*\*File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

[File 634] **San Jose Mercury** Jun 1985-2007/May 04

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[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/May 07

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[File 810] **Business Wire** 1986-1999/Feb 28

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[File 813] **PR Newswire** 1987-1999/Apr 30

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Set	Items	Description
S1	666315	S (HIEARCH? OR TIER? OR LEVEL OR LEVELS OR DUAL OR RANK? OR INCREMENT? OR CATEGOR?)(5N)(PRICE? ? OR PRICING OR COST? ? OR TRANSACTION?)
S2	3515004	S (UPC? ? OR UNIVERSAL()PRODUCT()CODE OR BARCODE OR BAR()CODE OR PRODUCT()ID OR IDENTIF?)
S3	711902	S (CACULAT? OR CACULATING OR IDENTIF? OR ACCESS? OR ESTIMAT? OR DETERMIN?)(6N) (TOTAL? OR AMOUNT? OR BILL OR PROCE? OR PRICING)
S4	116845	S (THRESHOLD OR REQUIRED OR MINIMUM)(5N)(PURCHAS? OR BUY OR BUYING OR COST OR EXPENDITURE OR EXPENSE)
S5	2198725	S (REDUC? OR LESSEN OR DECREAS? OR DISCOUNT? OR LOWER?)(3N) (COST OR COSTS OR PRICE OR PRICING OR BILL OR TOTAL OR CHEAP??? OR LEAST()EXPENSIVE)
S6	8	S S1 (20N) S2 (20N) S3 (20N) S4 (20N) S5
S7	5	RD (unique items)

; t s7/3,k/1-5

7/3,K/1 (Item 1 from file: 9) Links

Business & Industry(R)

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03409679 Supplier Number: 119198332 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Anik F2 Carries Broadband Hope.**

**( high-power satellite )**

Satellite News , v 27 , n 27

July 12, 2004

**Document Type:** Journal ISSN: 0161-3448 ( United States )

**Language:** English **Record Type:** Fulltext

**Word Count:** 1250 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...satellite equipment," Greenwald said. Each service provider's orders combined will add to the volume **required to reduce** the **cost** of satellite modem equipment, he said, adding, "We are serving a consumer market and we need to get **costs** down to a **level** that will support mass-market adoption."

When asked about **pricing** for the service, Greenwald declined to **identify** a specific level but said his company would be competitive with other technologies and "offer...

...then buying interoperable equipment meeting that specification from multiple manufacturers, Moore said. "The benefits are **lower cost** and better innovation," Moore said.

What Boeing Wants

While WildBlue is focused on making its...

7/3,K/2 (Item 1 from file: 20) Links

Dialog Global Reporter

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52256009 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**No Action Taken in 25% of U.S. Sourcing Evaluations**

PR NEWswire (US)

October 26, 2006

**Journal Code:** WPRU **Language:** English **Record Type:** FULLTEXT

**Word Count:** 732

**(USE FORMAT 7 OR 9 FOR FULLTEXT)**

...In particular, they will need to meet the following conditions: --

Improved process operations knowledge -- Proven **cost reduction** capability -- Improved offshore location mix and delivery capability

Eighty percent of U.S. sourcing managers...

...Contrary to popular expectation, sourcing managers select BPO over use of captive centers to achieve **access** to superior expertise, particularly **process** expertise, to drive an increase in service quality. Where **cost reduction** is **required** without an accompanying improvement in existing processes and service quality, then U.S. sourcing managers...

...vendor success and needs to be more widely demonstrated than at present.

The research also **identified** that vendors are frequently failing to justify the **levels of cost reduction** promised during the bidding focus. Vendors are offering cost savings but two-thirds of sourcing...

7/3,K/3 (Item 2 from file: 20) Links

Dialog Global Reporter

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37174855 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**BETTER MANAGEMENT OF BPA'S OBLIGATION TO PROVIDE POWER IS**

#### GAO REPORTS

July 09, 2004

Journal Code: WGEO Language: English Record Type: FULLTEXT

Word Count: 3175

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...about two-thirds from 2001 levels. According to BPA officials, these steps have helped BPA **reduce** its internal operations **costs** by \$42 million from fiscal year 2002 to 2003. Second, BPA is consolidating functions, such...

...a consulting firm to perform a comprehensive overview of BPA's major functions, systems, and **processes** to **identify** specific opportunities for program and performance improvement, which may yield additional savings.

While some of these actions have led to **decreased costs** in certain areas, BPA projects that its overall **costs** for the three **categories** in fiscal years 2004 to 2006 will remain 27 percent higher than its average from fiscal years 1997 to 2000. BPA officials said that without the **cost control** measures, **costs** for these **categories** would be expected to increase even more. They also noted that some of the **cost** increases--such as those **required** for fish and wildlife under the Endangered Species Act-- are largely beyond BPA's control...

7/3,K/4 (Item 3 from file: 20) [Links](#)  
Dialog Global Reporter  
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09871334 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**FRA to take charge of weak banks**

Prabhakar Sinha  
TIMES OF INDIA  
March 03, 2000  
**Journal Code: WTIN Language: English Record Type: FULLTEXT**  
**Word Count: 521**  
**(USE FORMAT 7 OR 9 FOR FULLTEXT)**

...adopt a VRS covering at least 25 per cent of the staff. The report had estimated a total cost of Rs 1100 to 1200 crore in implementing VRS effectively. It said that a 30-35 per cent reduction in staff cost required in the three identified weak banks to enable them to reach the median level of ratio of staff cost to operating income.

7/3,K/5 (Item 1 from file: 613) [Links](#)  
PR Newswire  
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0002237512 I879FDC8064E911DBB6C3EE58B4D44D39 (USE FORMAT 7 FOR FULLTEXT)  
**No Action Taken in 25% of U.S. Sourcing Evaluations - BPO contracts are not awarded in 30% of evaluations; vendors need to improve offshore location mix and delivery capability -**

PR Newswire  
Thursday, October 26, 2006 T11:00:00Z  
**Journal Code: PR Language: ENGLISH Record Type: FULLTEXT Document Type: NEWSWIRE**  
**Word Count: 740**

...In particular, they will need to meet the following conditions:

- Improved process operations knowledge
- Proven cost reduction capability
- Improved offshore location mix and delivery capability

Eighty percent of U.S. sourcing managers...

...Contrary to popular expectation, sourcing managers select BPO over use

of captive centers to achieve **access** to superior expertise, particularly **process** expertise, to drive an increase in service quality. Where **cost reduction** is **required** without an accompanying improvement in existing processes and service quality, then U.S. sourcing managers...

...vendor success and needs to be more widely demonstrated than at present. The research also **identified** that vendors are frequently failing to justify the **levels** of **cost reduction** promised during the bidding focus. Vendors are offering cost savings but two-thirds of sourcing...

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[File 348] **EUROPEAN PATENTS 1978-2007/ 200716**

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*\*File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 349] **PCT FULLTEXT 1979-2007/UB=20070503UT=20070426**

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*\*File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

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; d s
Set      Items  Description
S1       16200  S (HIEARCH? OR TIER? OR LEVEL OR LEVELS OR DUAL OR RANK? OR INCREMENT? OR
CATEGOR?) (5N) (PRICE? ? OR PRICING OR COST? ? OR TRANSACTION?)
S2       617392 S (UPC? ? OR UNIVERSAL() PRODUCT() CODE OR BARCODE OR BAR() CODE OR
PRODUCT() ID OR IDENTIF?)
S3       440730 S (CACULAT? OR CACULATING OR IDENTIF? OR ACCESS? OR ESTIMAT? OR DETERMIN?)
(6N) (TOTAL? OR AMOUNT? OR BILL OR PROCE? OR PRICING)
S4       26870  S (THRESHOLD OR REQUIRED OR MINIMUM) (5N) (PURCHAS? OR BUY OR BUYING OR COST
OR EXPENDITURE OR EXPENSE)
S5       223377 S (REDUC? OR LESSEN OR DECREAS? OR DISCOUNT? OR LOWER?) (3N) (COST OR COSTS
OR PRICE OR PRICING OR BILL OR TOTAL OR CHEAP??? OR LEAST() EXPENSIVE)
S6       2      S S1 (20N) S2 (20N) S3 (20N) S4 (20N) S5
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6/5/1 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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01482280

**ENERGY AND CHEMICAL SPECIES UTILITY MANAGEMENT SYSTEM**  
**SYSTEME DE GESTION DE SERVICES, D'ESPECES CHIMIQUES ET D'ENERGIE**

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	Country	Number	Kind	Date
Patent	WO	200728158	A2	20070308
Application	WO	2006US34565		20060905
Priorities	US	2005714038		20050902

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HN; HR; HU; ID; IL;  
IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ;  
LA; LC; LK; LR; LS; LT; LU; LV; LY; MA;  
MD; MG; MK; MN; MW; MX; MY; MZ; NA; NG;  
NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS;  
RU; SC; SD; SE; SG; SK; SL; SM; SV; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;  
VC; VN; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;

LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

IPC	Level	Value	Position	Status	Version	Action	Source	Office
A01D-0046/00	A	I	F	B	20060101		H	US

Publication Language: English

Filing Language: English

Fulltext word count: 175987

**English Abstract:**

A method for energy and chemical species utility management having an integrated software system and infrastructure arrangements configured to manage one or more levels of utilities operation, arranged in co-operative fashion to achieve collective goals.

**French Abstract:**

Cette invention concerne un procede de gestion de services, d'especes chimiques et d'energie comprenant un systeme logiciel integre et des agencements d'infrastructures concus pour gerer un ou plusieurs niveaux de fonctionnement de services, disposes de maniere qu'ils cooperent afin que des objectifs communs soient atteints.

Type	Pub. Date	Kind	Text
Publication	20070308	A2	Without international search report and to be republished upon receipt of that report.

6/5/2 (Item 2 from file: 349) [Links](#)

PCT FULLTEXT

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01329846

**CONSISTENT SET OF INTERFACES DERIVED FROM A BUSINESS OBJECT MODEL**  
**ENSEMBLE D'INTERFACES COHERENT DERIVE D'UN MODELE D'OBJETS COMMERCIAUX**

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	Country	Number	Kind	Date
Patent	WO	200612160	A2-A3	20060202
Application	WO	2005US22137		20050624
Priorities	US	2004582949		20040625
	US	2005145464		20050603
	WO	2005US19961		20050603
	WO	2005US21481		20050617
	US	2005155368		20050617

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK;  
LR; LS; LT; LU; LV; MA; MD; MG; MK; MN;  
MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG;  
PH; PL; PT; RO; RU; SC; SD; SE; SG; SK;  
SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA;  
UG; US; UZ; VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Main International Patent Classes (Version 7):**

IPC	Level
none	Main

IPC	Level	Value	Position	Status	Version	Action	Source	Office
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G06F-0017/60	A	I	F	B	20060101	H	US
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Publication Language: English

Filing Language: English

Fulltext word count: 378186

#### English Abstract:

Methods and systems consistent with the present invention provide a data processing system having a business object model reflecting the data used during a business transaction. Consistent interfaces are generated from the business object model (100). These interfaces are suitable for use across industries, across businesses, and across different departments within a business during a business transaction.

#### French Abstract:

La presente invention a trait a des procedes et des systemes assurant un systeme de traitement de donnees comportant un modele d'objets commerciaux de reproduction des donnees utilisees lors d'une transaction commerciale. Des interfaces coherentes sont generees a partir du modele d'objets commerciaux. Ces interfaces sont aptes a etre utilisees dans les industries, les entreprises et divers services au sein d'une entreprise lors d'une transaction commerciale.

Type	Pub. Date	Kind	Text
Publication	20060202	A2	Without international search report and to be republished upon receipt of that report.
Search Rpt	20060713		Late publication of international search report
Republication	20060713	A3	With international search report.
Republication	20060713	A3	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Search Rpt	20060713		Late publication of international search report
Correction	20070308		Corrections of entry in Section 1:
Republication	20070308	A3	With international search report.